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EUROPEAN PATENT APPLICATION

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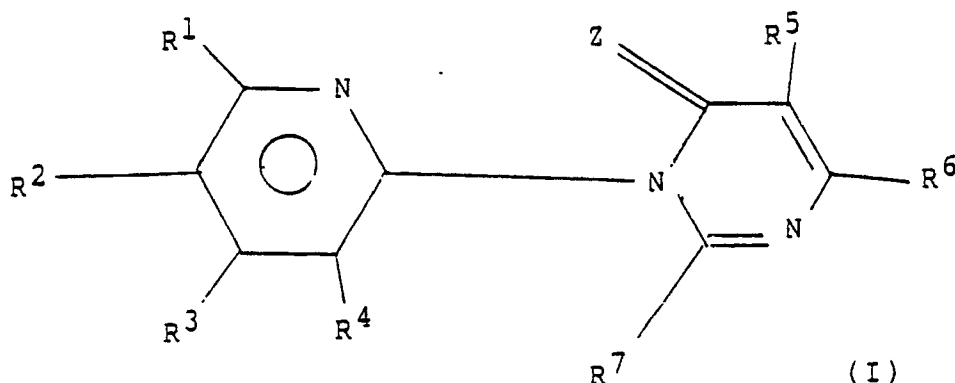
71 Applicant: **IMPERIAL CHEMICAL INDUSTRIES
PLC**
Imperial Chemical House, Millbank
London SW1P 3JF(GB)

72 Inventor: **Perrior, Trevor Robert**
16 Silver Birches
Barkham Berks RG11 4AD(GB)
Inventor: **Whittle, Alan John**
30 Kibblewhite Crescent
Twyford Berks RG10 9AX(GB)
Inventor: **Tapolczay, David Jozsef**
25 Swebstone Close Lower Early
Reading Berks(GB)

74 Representative: **Hardman, Carol Pauline et al**
Imperial Chemical Industries PLC Legal
Department: Patents PO Box 6 Bessemer
Road
Welwyn Garden City Herts, AL7 1HD(GB)

54 **Pyridyl pyrimidinone derivatives with an insecticidal activity.**

57 1. An insecticidal compound of formula (I):



wherein R¹ and R³ are independently selected from hydrogen; halogen; nitro; cyano; or alkyl, alkoxy, alkylthio or cycloalkyl any of which can be optionally substituted by halogen;

R² is hydrogen; halogen; nitro; cyano; alkyl, alkoxy or alkylthio any of which may be optionally substituted with halogen; or S(O)_nR⁸, where R⁸ is alkyl, haloalkyl or cycloalkyl and n is 0, 1 or 2;

R⁴ is hydrogen; halogen; nitro; cyano; or alkyl, alkoxy or alkylthio any of which may be optionally substituted with halogen;

R⁵ is hydrogen; halogen; nitro; cyano; alkyl, alkoxy alkylthio any of which can be optionally substituted with halogen; or NR⁹ R¹⁰ where R⁹ and R¹⁰ are independently selected from hydrogen, alkyl or cycloalkyl;

EP 0 357 201 A3

R^6 is hydrogen; halogen; nitro; cyano; alkyl, alkoxy or alkylthio any of which can be optionally substituted with halogen; or $S(O)_nR^8$;

R^7 is hydrogen; halogen; nitro; cyano; alkyl; alkoxy or alkylthio any of which is optionally substituted with halogen; $S(O)_nR^8$; or NR^9R^{10} ; an Z is oxygen or sulphur.



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EUROPEAN SEARCH REPORT

Application Number

EP 89 30 7270

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
D,A	EP-A-0 272 824 (IMPERIAL CHEMICAL INDUSTRIES) * Page 2, line 52 - page 3, line 17; page 8, lines 10-15; claims 1,7,8 * -----	1,7,8	C 07 D 401/04 A 01 N 43/54 C 07 D 239/30
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			C 07 D 401/00 C 07 D 213/00
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 01-08-1990	Examiner ENGLISH R.F.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			



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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ All claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claims:
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

X LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions,

namely:

1. Claims 1-9: Compounds of formula I, their preparation; and use; intermediates of formula IV.
2. Claim 10: Intermediates of formula IIA- unrelated and well-known.

- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☒ None of the further search fees has been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims,

namely claims: 1-9